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AUG 14 2003

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,988B

DATE: 08/11/2003

TIME: 10:42:52

Input Set : A:\38163131.app

Output Set: N:\CRF4\08112003\I856988B.raw

3 <110> APPLICANT: SCHLOM, JEFFREY  
 4 HODGE, JAMES  
 5 PANICALI, DENNIS  
 7 <120> TITLE OF INVENTION: A RECOMBINANT VECTOR EXPRESSING MULTIPLE COSTIMULATORY  
 8 MOLECULES AND USES THEREOF  
 10 <130> FILE REFERENCE: 38163-0131  
 12 <140> CURRENT APPLICATION NUMBER: 09/856,988B  
 13 <141> CURRENT FILING DATE: 2001-09-24  
 15 <150> PRIOR APPLICATION NUMBER: PCT/US99/26866  
 16 <151> PRIOR FILING DATE: 1999-11-12  
 18 <150> PRIOR APPLICATION NUMBER: 60/111,582  
 19 <151> PRIOR FILING DATE: 1998-12-09  
 21 <160> NUMBER OF SEQ ID NOS: 42  
 23 <170> SOFTWARE: PatentIn Ver. 2.1  
 25 <210> SEQ ID NO: 1  
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 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial Sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 36 1 5  
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 50 1 5  
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 59 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 62 <400> SEQUENCE: 3  
 63 Tyr Leu Glu Pro Gly Pro Val Thr Ala

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78      1              5              10
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88      peptide
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91 Val Leu Tyr Arg Tyr Gly Ser Phe Ser Val
92      1              5              10
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96 <211> LENGTH: 9
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106      1              5
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133 Met Ser Leu Gln Arg Gln Phe Leu Arg
134   1                               5
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147 Met Leu Leu Ala Val Leu Tyr Cys Leu
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161 Tyr Met Asn Gly Thr Met Ser Gln Val
162   1                               5
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198 <220> FEATURE:
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203 Gln Asn Ile Leu Leu Ser Asn Ala Pro Leu Gly Pro Gln Phe Pro
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216 <400> SEQUENCE: 14
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218   1           5           10
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246   1           5
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260   1           5
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265 <212> TYPE: PRT
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273 Phe Leu Trp Gly Pro Arg Ala Leu Val  
274 1 5  
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287 Ala Ala Arg Ala Val Phe Leu Ala Leu  
288 1 5  
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301 Tyr Arg Pro Arg Pro Arg Arg Tyr  
302 1 5  
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315 Val Leu Pro Asp Val Phe Ile Arg Cys  
316 1 5  
319 <210> SEQ ID NO: 22  
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328 <400> SEQUENCE: 22  
329 Ala Tyr Gly Leu Asp Phe Tyr Ile Leu  
330 1 5  
333 <210> SEQ ID NO: 23  
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335 <212> TYPE: PRT  
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338 <220> FEATURE:

**VERIFICATION SUMMARY**

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